

From: [Crossland, Ronnie](#)
To: [Adams, Adam](#); [Loesel, Matthew](#); [Mason, Steve](#)
Cc: [Smith, Monica](#); [Smalley, Bryant](#); [Delgado, Eric](#); [Rauscher, Jon](#)
Subject: FW: 3/30/19 Monitoring Update
Date: Saturday, March 30, 2019 9:37:53 AM

From: Kelly Cook <kelly.cook@tceq.texas.gov>
Sent: Saturday, March 30, 2019 9:35 AM
To: anthony.buck@tceq.texas.gov; Stamper, Tony <tstamper@nrcc.com>; Crossland, Ronnie <Crossland.Ronnie@epa.gov>; Adams, Adam <Adams.Adam@epa.gov>; Brescia, Nicolas <brescia.nicolas@epa.gov>
Subject: FW: 3/30/19 Monitoring Update

FYI

From: Richard Chism
Sent: Saturday, March 30, 2019 8:41 AM
To: Susan Johnson <susan.johnson@tceq.texas.gov>; Tracy Miller <tracy.miller@tceq.texas.gov>; Ramiro Garcia <ramiro.garcia@tceq.texas.gov>; Kelly Cook <kelly.cook@tceq.texas.gov>; Jonathan Walling <jonathan.walling@tceq.texas.gov>; spill12 <spill12@tceq.texas.gov>; Dana Evans <Dana.Evans@Tceq.Texas.Gov>; Ryan Vise <Ryan.Vise@Tceq.Texas.Gov>; Michael Honeycutt <Michael.Honeycutt@tceq.texas.gov>
Cc: Brandy Brooks <brandy.brooks@tceq.texas.gov>
Subject: 3/30/19 Monitoring Update

Overnight winds were south-southeast 5-10 mph. Winds will shift north in the late afternoon today and increase to 15-20 mph with an approaching cold front.

The Channelview monitor continues to detect elevated benzene concentrations in short durations with measurements quickly returning to low ppb levels. The three hours beginning at 10:00pm measured a 53.7, 129.8, and 16.8 ppb, respectively. The 1:00am reading was back down to 0.51 ppb. Benzene levels were in the low ppb range at all other downwind monitors. AECOM restored autoGC operations at Lynchburg yesterday with measurements beginning again at 11:00am.

The GC van continued to monitor in the Lakeside Park Estates neighborhood along De Zavalla Rd. Periodic benzene spikes ranging from 9 – 115 ppb were measured from 6:00am to 9:00am. Only low levels were detected during the rest of the day. Overnight readings were consistent with the benzene spike at the Channelview monitor. During the 10:00pm hour, benzene measurements began to increase with a peak of 39.0 ppb. The first run of the 11:00pm hour recorded a peak benzene level of 655.35 ppb along with a 1,3-butadiene

spike of 66.2 ppb. A TVA reading at this time measured 20 ppm total VOC. After the midnight shift change, TVA measurements at the DeZavalla location showed only background levels of VOC. The van repositioned 0.3 miles north on Lakeside Dr due to detecting moderate odors. Readings at this location were at or below instrument detection limits with a max benzene reading of 6.0 ppb.

PM2.5 measurements across Houston this morning remain in the good range (based on EPA's AQI scale).